A New Almanacke and Prognostication for the yeare of our Lord, 1647.

Being the third after Leape yeare.

The Astronomicall Calculations, being principally referred to the Meridian and Latitude of *Bury St. Edmunds* in *Suffolke*, where the Pole Articke is elevated 52 degrees, and may serve generally for all *England*.

Made and set forth according to Art by *Joseph Chamberlaine*, Chirurgion, Student in the Mathematicks.

Cœli enarrant gloriam Dei fortis, & opus manuum ejus indicat expansum eorum.
Psalm 19.

LONDON,
Printed by T. W. for the Company of Stationers.
1647.

Generall Notes and Observations this yeare 1647.

The Julian or Englisſh Accompt for this preſent yeare, 1647	The Gregorian or Romiſh Accompt for this preſent yeare, 1647.
14. The Golden number	14.
The Cycle of the Sun	4
C The Dominicall letter,	F
15. The Roman Indiction,	15.
4. The Epact,	24.

Februar. 28	Shrove Sunday,	March 3.
March 7.	Firſt Sunday in lent,	March 10.
Aprill 18.	Eaſter Sunday,	Aprill 21.
May 27.	Aſcention day,	May 30.
Iune 6.	Whitſunday,	Jun. 9
Novemb. 28	Advent Sunday,	December 1.

From Chriſtmas day to Shrovesunday is 9 weeks and 2 dayes.

From Chriſtmas day to Shrove sunday is 9 weeks and 5 dayes.

Betweene Trinitie and Advent are 23 weekes.

Between Trinitie and Advent is 23 weekes.

Ember Dayes.

March 10. 12. 13	March 13. 15. 16.
Ince 9. 11. 12	Iune 12 14 15.
Septem 15. 17. 19.	Septemb 18 20. 21.
Decemb. 15. 17. 19	Decemb. 18. 20 21.

A perfect Table of the foure Termes and of their Returnes. 1647.

Hilary Terme begins January the 23. and ends February the 12. and hath 4 returnes.

Octab. Hillar.	Janus. 20.	Craſtin. Purif.	Feb. 3.
Quind. Hillar.	Janus. 27.	Octab. Purif.	Feb. 9.

Easter Terme begins May 5. and ends May 31. and hath 5. returnes.

[illegible]. Paſch.	May 3.	Quinq. Paſch.	May 24.
[illegible]s Paſch.	May 10.		
Menſ. Paſch.	May 17.	Craſt. Aſcen.	May 28.

Trinitie Terme begins June 18 and ends the ſeventh of July, and hath 4. returnes.

Craſt. Trin.	June 14.	Quind. Trin.	June 28.
Octab. Trin.	June 21.	Tres Trin.	July 5.

Michaelmas Terme begins October the 23. and ends November 29. and hath 6. returnes.

Tres Mich.	Octob. 20.	Craſt. Mart.	Novem. 12.
Menſ. Mich.	Octob. 27.	Octab. Mart.	Novem. 18.
Craſt. Ani.	Novem. 3.	Quind. Mart.	Novem. 25.

Note that the Exchequer alwayes openeth 8. dayes before any Terme beginneth, except Trinitie Terme, in which it openeth but 4 dayes before.

The Anatomie of Mans body, as the parts thereof are governed by the 12. Signes of the Zodiacke.

♈ Head and face.

♉ Neck and throat.

♋ Breast, stomach & ribs

♍ Bowels and belly.

♏ Secrets and bladder.

♑ Knees.

♊ Arms and shoulders.

♌ Heart and back.

[illegible] and

♐ Thighs.

♒ Legs.

♓ The Feet.

The Characters of the Signes and the Planets, with the Aspects.

♈ Aries, ♉ Taurus, ♊ Gemini, ♋ Cancer, ♌ Leo, ♍ Virgo, ♎ Libra, ♏ Scorpio, ♐ Sagitarius, ♑ Capricornus, ♒ Aquarius, ♓ Pisces.

The Planets.

♄ Saturne, ♃ Iupiter, ♂ Mars, ☉ Sol, ♀ Venus, ☿ Mercurie, ☽ Luna, ☊ the Dragons head, ☋ the Dragons taile.

The Aspects.

☌ Conjunction, ⚹ Sextile, □ Quartile, △ Trine, ☍ Opposition.

January hath xxxi. Dayes.

☽ Firſt quarter the 4 day, at 2 aclock in the morning.
● Full moon the 10 day, at 9 aclock, 26. min. at night.
☾ Laſt quarter the 17 day, at 3 aclock 5 : min. after noon.
● New moon the 25 day, at 6 aclock at night.

1	A	New years day	piſc. 21	6		8	5
2	b	♄ 10. 51 ♉	aries 3	7	△ ♃ ☽	8	4
3	C	♃ 4. 23 ♌	15	8	□ ♀ ☽	8	3
4	D	♂ 8. 55 ♌	28 ☽		□ ♃ ☽. □ ♆ ☽	8	2
5	e	♀ 16. 55 ♍	taur. 11	10	☌ ♄ ☽. □ ☌ ☽	8	1
6	f	Twelfth day	25	11	△ ☉ ☽	8	0
7	g	☿ 5. 0 ♒ Retro	gem. 9	12	△ ☿ ☽	7	59
8	a	♌ 21. 5 ♋	24	13	☽ Va curſ.	7	58
9	b	♄ 10 53 ♉	canc. 9	14		7	57
10	C	♃ 3 22 ♌ Ret	24	●	☽ Eclipſed.	7	56
11	D	♂ 6.16 ♌ Ret.	leo 9	16	☌ ♃ ☽. □ ♄ ☽	7	55
12	E	♀ 25. 44 ♍	24	17	☌ ☉ ☿	7	54
13	f	☿ 0, 18 ♒	virg. 9	18	☍ ☉ ♃	7	52
14	g	♌ 20. 43 ♏	24	19	☍ ☉ ☌	7	50
15	A	♄ 10 59 ♉ ☽i.	libra 8	20	△ ☉ ☽	7	48
16	b	♃ 2. 36 ♌	21	21	□ ☿ ☽	7	47
17	C	♂ 3 52 ♌	ſcorp. 5	☾	□ ♀ ☽. □ ♃ ☽	7	45
18	D	♀ 3. 17 ♒	18	23	☍ ☌ ♀.	7	43
19	E	☿ Direct.	ſagit. 0	24	△ ♃ ☽	7	39
20	f	☉ ſtab. Hilar.	12	25	✱ ☉ ☽	7	37
21	g	♌ 20. 21 ♏	24	26	□ ☉ ♄	7	35
22	A		capr. 6	27	☌ ♃ ☌.	7	34
23	b	Terme begins	18	28	☌ ☿ ☽. ☽ ♈	7	32
24	C	3 ſun. aft. Epi.	aqua. 0	29	□ ♄ ♀. ☽ apog.	7	30
25	D	Conver. Paule	12	●	□ ♄ ☽	7	28
26	E		24	1	☽ Va. curſ.	7	27
27	f	Quind Hilar.	piſc. 6	2	✱ ♄ ☽.	7	25
28	g	♄ 11. 27 ♉	18	3		7	23
29	A	♃ 1. 0 ♌	aries 0	4	△ ☌ ☽. △ ♃ ☽	7	21
30	b	☌ 29. 7 ♏	12	5	☽ Va. curſ.	7	19
31	C	4. ſun. aft. Epi.	25	6	□ ☿ ☽. □ ☌ ☽	7	17

☽ First quarter, the 2 day, at 3 aclock, 33 min. after noone
☾ Full moon the 9 day, at 7 aclock, 27 min. in the morning.
☾ Last quarter the 17 day, at 7 aclock 49 min. in the morn.
● New moon the 24 day, at 11 aclock 56 min. in the morn.

Dayes	Dayes	Sts. dayes, moveable Feasts and places of the Planets.	Place of the moon every day at noon.	Moon	The Aspects of the Planets amongst themselves, and with the Moone.	The Rising of the sun.
1	D		taur. 8	7	☌ ♄ ☽	7 16
2	E	Purific of Mar	21	☽	□ ♀ ☽.	7 14
3	F	Craft Purifica.	gem. 4	9		7 12
4	G	♄ 11. 29 ♉	18	10	☌ ♂ ♅.	7 10
5	a	♅ 0. 13 ♌	canc. 3	11	☉ ♀ ☌	7 8
6	b	♂ 27. 10 ♋	17	12		7 6
7	c	☾ Sund. aft. Epi.	leo 2	13	☌ ♅ ☽. ☌ ♆ ☽	7 4
8	D	♀ 29. 37 ♍	17	14	□ ♄ ☽	7 2
9	e	☉ enters ♓	Virg. 2	●	☌ ♆ ☽.	7 0
10	f	☿ 4. 41 ♍	17	16	△ ♄ ☽	6 58
11	g	♌ 19 . 4 ♋	libra 2	17	△ ♆ ☽.	6 57
12	a	Terme ends	16	18	☽ Va. Curs.	6 55
13	b		scorp. 0	19	□ ☌ ☽. □ ♅ ☽	6 53
14	c	Valentine	13	20	□ ♀ ☽. ☌ ♄ ☽	6 51
15	D	♄ 12. 33 ♉	26	21	□ ♄ ♆	6 49
16	e	♅ 29. 11 ♋	sag'te. 9	☾	□ ♀ ☽	6 47
17	f	♂ 25. 19 ♋	21	23	☽ Va. Curs.	6 45
18	g	♀ 12. 6 ♓	capr. 3	24		6 43
19	a	♌ 18. 49 ♋	15	25	♌ ☽	6 41
20	b		27	26	☌ ☌ ☽. ☍ ♅ ☽	6 39
21	c	Sexages. Sun.	aqua. 8	27	□ ♄ ☽. apog.	6 37
22	D	♄ 13. 7 ♉	20	28	☌ ♆ ☽	6 35
23	E	♅ 28 57 ♋	pisces 2	29	☽ Va. Curs.	6 33
24	F	Mathi's Ap.	14	●	☌ ♀ ☽	6 31
25	G	♂ 24 56 ♋	27	1	△ ♅ ☽	6 29
26	a	♀ 22. 3 ♓	aries 9	2	☽ Va. Curs.	6 26
27	b	☿ 1. 57 ♓	22	3	□ ☌ ☽.	6 24
28	c	S. roves sunday	Taur. 5	4	□ ♅ ☽	6 22

☽ First quarter the 4 day, at 1 aclock, 30 min in the morning
● Full moon the 10 day, at 5 aclock, 43 min. at night.
☾ Last quarter the 18 day, at 1 aclock, 49 min. in the morn
● New moon the 26 day, at 4 aclock, 16 min. in the morn.

1	D	♄ 13. 44 ♉	taur. 18	5	☌ ♄ ☽.		6	20
2	E	♃ 28. 19 ♋	gem. 1	6			6	18
3	F	♂ 25. 10 ♋ ☽.	15	7	□ ☿ ☽		6	16
4	G	♀ 29. 30 ♓	28	☽	□ ♀ ☽.	☽ perig.	6	14
5	a	☿ 12. 58 ♓	canc. 12	9	☽ ♌		6	12
6	b	♌ 18. 1 ●	27	10	☌ ♂ ☽.	☌ ♃ ☽.	6	10
7	C	Quadra-Sun.	leo 11	11	□ ♄ ☽		6	8
8	D	♄ Occid.	26	12	☽ Va curs.		6	6
9	e	♃ Occid.	virg. 11	13			6	4
10	f	♂ Occid.	25	●	☍ ☿ ☽		6	2
11	g	☉ enters ♈	libr. 10	15	☍ ♀ ☽		6	0
12	a	☿ Occid.	24	16	□ ♂ ☽.	□ ♃ ☽	5	58
13	b	♀ Orient.	scorp. 8	17	☍ ♄ ☽.		5	56
14	C	2. Sun. in Lent	22	18	△ ♂ ☽.		5	54
15	D	♄ 15. 11 ♉	sagit. 5	19	△ ♃ ☽		5	52
16	E	♃ 28. 8 Di.	17	20	△ ♀ ☽		5	50
17	F	♂ 27 11 ♋	29	21	☌ ☉ ☿		5	48
18	G	♀ 16. 49 ♈	capr. 11	☾	□ ♀ ☽.	☽ ☍	5	46
19	a	☿ 9. 22 ♈	23	23	☍ ♃ ☽.	☌ ♂ ☽	5	44
20	b	♌ 17. 17 ♋	aqua. 5	24			5	42
21	C	3. Sun in Lent	17	25	□ ♄ ☽.	☽ apog.	5	40
22	D	☿ Occid.	29	26	☽ Va. curs.		5	38
23	E	♄ 16. 5 ♉	pisc. 11	27			5	36
24	F	♃ 28. 9 ♋	23	28	△ ♃ ☽		5	34
25	G	Annun. Mary	aries 6	29	☽ Va. curs.		5	32
26	a		18	●	☌ ☿ ☽		5	30
27	b	Init. Reg. Car	taur. 1	1	☌ ♀ ☽		5	28
28	C	4. Sun. in Lent	15	2	☌ ♄ ☽		5	26
29	D	♂ 0. 19 ♌	28	3	□ ♃ ☿		5	24
30	E	♀ 1. 34 ♉	gem. 12	4	☽ Va. curs.		5	20
31	F	☿ 1. 17 ♉	25	5	□ ☌ ☿		5	22

Aprill hath xxx. dayes.

First quarter the 2 day, at 9 aclock in the morning.
Full Moon the 9 day, at 3 aclock 53 min in the morning.
Last quarter the 16 day, at 8 aclock, 37 min. at night.
New Moon the 24 day, at 4 a clocke 44 min after noone.

1	g	♄ 17 10 ♉	Canc.	6	6	☽ ☊	5	19
2	a	♃ 28. 31 ♋		23	☽	☌ ♂ ☽. □ ☿ ☽.	5	17
3	b	♂ 1. 54 ♌	Leo	7	8	☽ perig.	5	15
4	c	♈ Sund in lent		21	9	□ ♄ ☽	5	13
5	d	♀ 8. 55 ♉	Virg.	5	10	△ ☿ ☽	5	11
6	e	☿ 11. 22 ♉		20	11	✶ ♂ ☽	5	9
7	f	☊ 16.19 ♋	libr.	4	12	✶ ♃ ☽	5	7
8	g			19	13	☽ Va Curs.	5	5
9	a		scorp.	3	●	□ ♃ ☽. □ ♂ ☽	5	3
10	b	☉ enters ♉		16	15	☍ ☿ ☽. ☍ ♄ ☽	5	2
11	c	Palme Sund.	Sagi.	0	16	☌ ♄ ☿	5	0
12	d	♄ 18. 33 ♉		13	17	☽ Va.curs.	4	58
13	e	♃ 19. 17 ♋		25	18	☌ ♄ ♀	4	56
14	f	♂ 5. 56 ♌	capr.	7	19	△ ☉ ☽	4	54
15	g	♀ 21. 8 ♉		19	20	△ ♄ ☽	4	52
16	a	☿ 25. 25 ♉	aqua.	1	☾	☽ apog.	4	50
17	b	☊ 15.48 ♋		13	22	□ ♄ ☽	4	48
18	c	Easter Sund.		25	23	□ ♀ ☽. □ ☿ ☽	4	46
19	d	♄ 9 28 ♉	pisces	7	24	✶ ☉ ☽	4	44
20	e	♃ 9 56 ♋		19	25	✶ ♄ ☽	4	43
21	f	♂ 8. 49 ♌	aries	1	26	△ ♃ ☽.	4	41
22	g	♀ 29. 39 ♉		14	27	△ ♂ ☽	4	39
23	a	☿ 1. 56 ♊		27	28	□ ♃ ☽.	4	37
24	b	☊ 15.15 ♋	taur.	10	●	□ ♂ ☽	4	35
25	c	Marke Evang.		24	1	☌ ♄ ☽	4	33
26	d	♄ 20 2 ♉	gem.	8	2	☌ ♀ ☽. ☌ ☿ ☽	4	31
27	e	♃ 0. 42 ♌		22	3	☽ Va.Curs.	4	30
28	f	♂ 11 54 ♌	canc.	6	4	☽ ☊	4	28
29	g	♀ 8. 8 ♊		20	5		4	26
30	a	☿ Retro.	leo	4	6	☽ perig.	4	24

May hath xxxi. dayes.

☽ First quarter the 1 day, at 2 aclock, 49 min. after noone.
● Full moon the 8 day, at 3 aclock after noone.
☾ Last quarter the 16 day, at 2 aclock, 49 min. after noone.
● New moon the 24 day, at 2 aclock, 49 min. in the morn.
☽ First quarter the 30 day, at 8 aclock at night.

1	♉	Philip & Jacob	leo	18	☽	□ ♄ ☽	4	23
2	♊	2 Sun. aft. East.	virg.	28		□ ♀ ☽. ☌ ♄ ☉	4	21
3	♋	Quinq Pasch.		16 9		□ ♀ ☽.	4	20
4	♌	♄ Orient.	Libr.	● 0 10		△ ☿ ☽	4	18
5	♍	Terme begin		14 11		△ ♀ ☽	4	17
6	♎	♄ 21. 44 ♉		28 12		□ ♃ ☽.	4	15
7	♏	♃ 1. 59 ♌	scorp.	11 13		□ ♂ ☽	4	13
8	♐	♂ 16 37 ♌		25 ●		☍ ♄ ☽. ☍ ☿ ☽	4	12
9	♑	3 Sund. at. East.	sagit.	8 15		☌ ☉ ☿. ☿ Orie.	4	10
10	♒	Tres Pasch		21 16		☍ ♀ ☽.	4	9
11	♓	☉ enters ♊	capr.	3 17		☽ Va. curs.	4	7
12	♈	♀ 23. 51. ♊		15 18		☽ ☍ ♆	4	6
13	♉	☿ 25. 17 ♊		27 19		☌ ♃ ☽	4	5
14	♊	☌ 14 25 ♋	aqua.	9 20		☽ apog.	4	4
15	♋			21 21		☍ ☌ ☽ □ ♄ ☽.	4	2
16	♌	4 Sund aft East	pisc.	3 ☾		□ ☉ ☽	4	1
17	♍	Mens. Pasch.		15 23			4	0
18	♎	♄ 23. 20 ♉		27 24		□ ♀ ☽	3	58
19	♏	♃ 3. 49 ♌	aries	9 25		✶ ☉ ☽	3	56
20	♐	♂ 22. 40 ♌		22 26		△ ☌ ☽	3	55
21	♑	♀ 4. 49 ♋	Taur.	5 27		□ ♃ ☽.	3	54
22	♒	☿ Direct.		18 28		☌ ♄ ☽. □ ☍ ☽	3	53
23	♓	5. Sun. aft East.	Gem.	2 29		✶ ♃ ☽.	3	53
24	♈	Quind. Pasch.		16 ●		☌ ☉ ☽	3	52
25	♉		Canc.	11			3	51
26	♊			15 2		☌ ♀ ☽. ☽ ☌ ♋	3	50
27	♋	Ascention day	leo	03		☌ ♃ ☽. perig.	3	49
28	♌	Craft Ascen.		14 4			3	49
29	♍			29 5		☌ ☍ ☽. □ ☿ ☽	3	48
30	♎	6. Sun. aft. East.	virgo	13 6		☌ ♄ ☿	3	47
31	♏	Terme ends		27 ☽		△ ♄ ☽	3	47

● Full moon the 7 day, at 3 aclock 34 min. in the morning.
☾ Last quarter the 15 day, at 7 aclock in the morning.
● New moon the 22 day, at 11 aclock, 15 min. before noone.
☽ First quarter the 29 day, at 2 aclock, 9 min in the morning.

1	S	♄ 7. 26 ♉	libra	10	8	□☿☽	3	41
2	C	♃ 6 15 ♌		24	9		3	46
3	S	♂ 0. 10 ♍	Scor.	7	10	□♃☽	3	46
4	A	☿ 21. 25 ♋		21	11	☌♄☽	3	46
5	H	☉ 1. 18 ♊	sagit.	4	12	☌☉☿☽. □♂☽	3	45
6	☪	Whitsunday		16	13	☽ savage.	3	45
7	D	♌ 13. 5 ♋		29	●	△♂☽	3	45
8	S	♄ 26. 1. ♉	capri.	11	15	☽ Va. Curs.	3	45
9	C	♃ 7. 34. ♌		23	16	☌☿☽.	3	45
10	S	♂ 4. 5 ♍	aqua.	5	17	☌♃☽. apog.	3	45
11	A	☿ 29. 45 ♋		17	18	☽ savage.	3	45
12	H	☉ enters ♋		29	19	□♄☽.	3	45
13	☪	Trinity sundry	pisc.	11	20	☌♂☽. □☿☽	3	45
14	D	Craft. Trinit.		23	21		3	45
15	S	☿ 4. 30 ♌	aries	5	☾	△♃☽	3	45
16	C	☿ 17. 51 ♊		17	23		3	45
17	S	Corpus Christ.	taur.	0	24	□☿☽	3	45
18	A	Terme begins		13	25	□♃☽.	3	45
19	H	♌ 12. 27 ♋		26	26	☌♄☽. ☌♃☿	3	46
20	☪	1. Sun aft. Trin	gem.	10	27	□♂☽.	3	46
21	D	Octab. Trin.		25	28	☌☿☽	3	46
22	C		canc.	9	●	☽☌♌	3	46
23	S	☿ ☍ ☿♋		24	1		3	47
24	S	Iohn Bapt.	leo	9	2	☌♃☽. ☌☿☽	3	47
25	A			24	3	□♄☽.	3	48
26	H		virgo	9	4	☌♂☽.	3	49
27	☪	1. Sun. aft. Trin.		23	5	△♄☽.	3	50
28	D	Quod. Trinit	libra	7	6	□☿☽.	3	51
29	S	Peter Apostle		21	☽	□☉☽.	3	51
30	C		scorp.	4	8	□♃☽	3	52

July hath xxxi. dayes.

Full moon the 6 day, at 5 aclock, 48 min. at night.
Last quarter the 14 day, at 9 aclock at night.
New moon the 21 day, at 6 aclock, 44 min. at night.
First quarter the 28 day, at 10 aclock, 14 min before noone.

1	g	♄ 28. 36 ♉	scorp.	18 9	☐ ☿ ☽.	3	53
2	a	♃ 12. 13 ♌	sagit.	0 10	☌ ♄ ☽.	3	53
3	b	♂ 17. 30 ♍		13 11	☐ ♂ ☽	3	54
4	c	3. Sun. att. Trin.		25 12	☌ ☉ ☿ ☿ Occi.	3	55
5	d	Tres Trinit.	capr.	8 13	☽ ☋	3	56
6	e	♀ 29. 14 ♌		20 ●	☌ ♀ ☽	3	57
7	f	Terme ends	aqua.	2 15	☽ apog.	3	58
8	g	☿ 28. 9 ♋		14 16	☌ ♃ ☽.	3	59
9	a	♏ 11. 24 ♎		26 17	☐ ♄ ☽	4	0
10	b		pisc.	7 18	☌ ♀ ☽.	4	1
11	c	4. Sun. af. Trin.		19 19	☌ ♂ ☽.	4	2
12	d		aries	1 20	△ ☿ ☽	4	4
13	e	☉ enters ♌		13 21	△ ♃ ☽	4	5
14	f	♄ 29. 50 ♉		26 ☾	☐ ☉ ☽	4	6
15	g	♃ 15. 1 ♌	Taur.	8 23	☐ ♀ ☽. ☐ ♃ ☽.	4	8
16	a	♂ 25. 27 ♍		21 24	☌ ♄ l. 13. 18.	4	9
17	b	♀ 12. 2 ♍	Gem.	5 25	☐ ♀ ☽. ☌ ♃ ☿	4	10
18	c	5 Sun. at. Trin.		19 26		4	12
19	d	☿ 18. 51 ♌	Canc	3 27	☐ ♂ ☽. ☽ ♏	4	13
20	e	Dog daies begin		18 28	✱ ♀ ☽.	4	15
21	f	♏ 19 46 ♋	leo	3 ●	☌ ☉ ☽	4	17
22	g			18 1	☌ ♃ ☽. p: rig.	4	19
23	a		virgo	3 2	☐ ♄ ☽.	4	21
24	b			18 3	☌ ♀ ☽.	4	23
25	c	James Apostle	Libr.	3 4	☌ ♂ ☽.	4	25
26	d	♄ 0. 47 ♊		17 5	☐ ♄ ☿	4	26
27	e	♃ 17. 39 ♌	scorpi.	16		4	28
28	f	♂ 2. 57 ♎		14 ☽	☐ ♃ ☽	4	30
29	g	☿ 25. 51 ♍		27 8	☌ ♄ ☽	4	32
30	a	☿ 8. 10 ♍	sagit.	10 9	☐ ☿ ☽	4	33
31	b	♏ 10. 14 ♋		22 10	☐ ♀ ☽	4	35

August hath xxxi. dayes.

● Full moon the 5 day, at 9 aclock 16 min. before noone.
☾ Last quarter the 13 day, at 9 aclock in the morning.
● New moon the 20 day, at 2 aclock, 7 min. in the morning.
☽ First quarter the 26 day, at 9 aclock, 53 min before noon.

1	☾	7. Sun. aft. Trin.	capr.	5	11	□ ♂ ☽		14	37
2	☽	♄ 1. 14 ♊		17	12	♂ ☉ ♃ ♃ Ori.		4	39
3	☽	♃ 19. 11 ♌		29	13	△ ♄ ☽. △ ♀ ☽		4	41
4	☽	♂ 7. 24 ♎	aqua.	11	14	△ ♂ ☽		4	43
5	☽	♀ 3. 48 ♎		22	●	☍ ♃ ☽. ☽ apog.		4	44
6	☽	☿ 18. 49 ♍	pisc.	4	16	□ ♄ ☽.		4	46
7	☽	☍ 9. 52 ♏		16	17	☍ ☿ ☽.		4	48
8	☾	8 Sun. aft. Tri.		28	18			4	50
9	☽	♄ 1. 35. ♊	aries	10	19	☍ ♀ ☽. ☍ ♂ ☽		4	52
10	☽	♃ 20. 43 ♌		22	20	△ ♃ ☽		4	54
11	☽	♂ 11. 56 ♎	taur.	5	21	☽ Va. Curs.		4	56
12	☽	♀ 11. 40 ♎		17	22	□ ♃ ☽		4	58
13	☽	☿ 27. 13 ♍	gem.	0	☾	♂ ♄ ☽		5	0
14	☽	☉ enters ♍		14	24	♂ ♂ ♀		5	1
15	☾	9. Sun aft. Tri.		27	25	□ ☿ ☽. □ ☉ ♄		5	3
16	☽	☍ 9. 26 ♏	canc.	11	26	□ ♂ ☽ □ ♀ ☽		5	5
17	☽	♄ 1. 53 ♊		26	27			5	7
18	☽	♃ 22. 28 ♌	leo	11	28	♂ ♃ ☽. 17 p.		5	9
19	☽	♂ 17. 10 ♎		26	29	□ ♄ ☽ perig.		5	11
20	☽	♀ 20. 31 ♎	virgo	11	●	♂ ☉ ☽		5	13
21	☽	☿ 2. 16 ♎		27	1	♂ ☿ ☽		5	15
22	☾	10 sun. af. Trin.	libra	11	2	☽ savage.		5	17
23	☽	♅ Retro.		26	3	♂ ♂ ☽. ♂ ♀ ☽		5	19
24	☽	Barthol. Apost	Scor.	10	4			5	21
25	☽			24	5	□ ♃ ☽.		5	23
26	☽	Dog dayes end	sagit.	7	☽	☍ ♄ ☽		5	25
27	☽	♄ 2. 7 ♊		19	7	△ ♃ ☽.		5	27
28	☽	♃ 24. 49 ♌	capric.	2	8	□ ☿ ☽		5	29
29	☾	11. sun. af. Trin.		14	9	☽ ☌ ♅		5	31
30	☽	♂ 24. 28 ♎		26	10	□ ♂ ☽. □ ♀ ☽		5	34
31	☽	♀ 2. 23 ♍	aquar.	8	11	☽ savage.		5	36

September hath xxx. dayes.

● Full Moon the 4 day, at 1 aclock, 23 min. in the morning.
☾ Last quarter the 11 day, at 7 aclock at night.
● New Moon the 18 day, at 10 aclock, 19 min. before noone
☽ First quarter the 25 day, at 1 aclock, 20 min. after noone

1	f	♄ 2. 9 ♊		aqua.	19	12	☌ ♃ ☽.	5	38
2	g	♃ 25 40 ♌		pisc.	1	13	□ ♄ ☽. apog.	5	40
3	a	♂ 27 9 ♎		♄ Re.	13	14	☽ savage.	5	42
4	b	♀ 6. 35 ♍			25	●	☌ ☿ ☽	5	44
5	c	12 sun. aft. Tri.		aries	7	16		5	46
6	d	☿ 23. 16 ♍			20	17	☌ ☉ ☿ ♀ Orient.	5	48
7	e	♋ 8. 13 ♋		taur.	2	18	☌ ♂ ☽	5	50
8	f	♄ 2. 7 ♊			14	19	☌ ♀ ☽.	5	52
9	g	♃ 27. 6 ♌			27	20	□ ♃ ☽. ☌ ♄ ☽	5	53
10	a	♂ 1. 12 ♍		gem.	10	21	☽ savage.	5	55
11	b	♀ 13. 44 ♍			23	☾	□ ☿ ☽	5	56
12	c	13. Sun aft. Tri.		canc.	7	23	☽ ♋	5	58
13	d	☉ enters ♎			21	24	△ ♀ ☽	6	0
14	e	☿ 19. 12 ♍		leo	5	25	□ ☌ ☽.	6	2
15	f	♋ 7. 48 ♋			20	26	□ ♀ ☽	6	4
16	g			virg.	5	27	☌ ♃ ☽. □ ♄ ☽	6	6
17	a				20	28	☌ ☿ ☽	6	8
18	b			libra	5	●	△ ♄ ☽.	6	10
19	c	14 sun. aft. Trin			20	1	☽ Va curs.	6	12
20	d			scorp.	4	2	☌ ☽ ☌	6	14
21	e	Mathew Apost.			18	3	☌ ♀ ☽	6	16
22	f	♄ 1. 47 ♊		sagit.	2	4	□ ♃ ☽. ☌ ♄ ☽.	6	18
23	g	♃ 29 40 ♌			15	5		6	20
24	a	♂ 10. 49 ♍			28	6	□ ☿ ☽	6	22
25	b	♀ 27. 4 ♍		capr.	10	☽	□ ☉ ☽	6	24
26	c	15 sun. aft. Tri.			22	8	△ ☿ ☽.	6	26
27	d	☿ 25. 39 ♍		aquar.	4	9	△ ♄ ☽	6	29
28	e	♋ 7. 9 ♋			16	10	□ ☌ ☽	6	31
29	f	Michael Arch.			28	11	□ ♄ ☽ apog.	6	33
30	g			pisc.	10	12	☌ ♄ ♀.	6	35

October hath xxxi. dayes.

Full Moon the 3 day, at 5 aclock, 30 min. at night.
Last quarter the 11 day, at 3 aclock, 49 min in the morn.
New Moon the 17 day, at 8 a clocke 22 min in the morn.
First quarter the 25 day, at 8 aclock 31 min in the morn.

1	a	♄ 1. 24 ♊	pisces	22	13	□ ♄ ♃	6	37
2	b	♃ 1. 29 ♍	aries	4	14	☌ ☿ ☽	6	39
3	c	16 Sun at. Tri.		16	●	☌ ☉ ☽	6	41
4	d	♂ 18 29 ♍		29	16	△ ♃ ☽	6	43
5	e	♀ 5. 25 ♐	taur.	11	17	☽ savages	6	45
6	f	☿ 8. 15 ♎		24	18	☌ ♂ ☽.	6	47
7	g	♌ 6. 38 ♏	gem.	7	19	♂ ♄ ☽. □ ♃ ☽	6	49
8	a			20	20	△ ☉ ☽	6	51
9	b		cane.	4	21	☽ ☌	6	53
10	c	17. Sun. aſ° Trin		17	22	□ ☿ ☽.	6	55
11	d	♄ 0. 48 ♊	leo	1	☾	□ ☉ ☽	6	57
12	e	♃ 3. 11 ♍		15	24	□ ♂ ☽ 14 p.	6	58
13	f	♂ 24 51 ♍		29	25	□ ♄ ☽. ♂ ♃ ☽.	7	0
14	g	☉ enters ♍	Virg.	14	26	□ ♀ ☽ peſig.	7	1
15	a	♀ 12. 15 ♐		29	27	△ ♄ ☽	7	3
16	b	☿ 23. 52 ♎	libr.	13	28		7	5
17	c	18 Sun. aſt. Trin.		28	●	☌ ☿ ☽	7	7
18	d	Luke Evang.	ſcorp.	12	1	☽ ſavage.	7	10
19	e	♌ 6 0 ♏		26	2	☌ ♄ ☽. ♂ ♂ ☽.	7	12
20	f	Tres Michael	Sagi.	10	3	□ ♃ ☽. ♂ ♀ ☽	7	14
21	g	♄ 0. 5 ♊		23	4	☽ Va. Curſ.	7	16
22	a	♃ 4. 43 ♍	capr.	6	5	☽ ♑	7	17
23	b	Terme begins		18	6	☽ Va Curſ.	7	19
24	c	19 un. aſ. Trin.	aqua.	0	7	△ ♄ ☽	7	21
25	d	♂ 3. 27 ♐		12	☽	□ ☿ ☽	7	23
26	e	♀ 17. 12 ♐		24	9	□ ♄ ☽	7	25
27	f	Menſ. Mich.	piſces	6	10	□ ♂ ☽ ☌ ♃ ☽	7	27
28	g	Simon & Jude		18	11	□ ♀ ☽. ♂ ☉ ☿	7	28
29	a	☿ 15. 53 ♍	Aries	0	12	☿ Occident.	7	30
30	b	♌ 5. 25 ♏		12	13	△ ♀ ☽	7	32
31	c	20 Su aſt Tri		25	14	☽ Va curſ	7	34

November hath xxx. dayes.

☽ Full moon the 2 day, at 9 aclock, 9 min. in the morning.
☾ Last quarter the 9 day, at 11 aclock 52 min. before noone
● New moon the 16 day, at 9 aclock in the morning.
☽ First quarter the 24 day, at 6 aclock in the morning.

1	b	All Saints	taur.	7	15	△ ♄ ☽	7	35
2	c	♄ ♐ 7. ♉		20	● ☌ ☿ ☽.		7	37
3	d	Craſt. Animi.	gem.	3	17	☌ ♄ ☽. □ ♃ ☽	7	39
4	e	♃ 6. 24 ♍		17	18	☌ ☍ ☽. ☌ ♀ ☽	7	40
5	f	Papiſts Conſ.	canc.	6	19	☽ ☌	7	42
6	g	♂ 12. 41 ♐		14	20	☽ lavag.	7	43
7	a	21. Sun. af. Trin		28	21	△ ☿ ☽	7	45
8	b	♀ 17 59 ♐ Retr	leo	12	22	△ ☌ ☽.	7	47
9	c	☿ 4 40 ♐		26	☾ □ ♄ ☽. perig.		7	48
10	d	☌ 4. 50 ♋	virg.	10	24	☌ ♃ ☽. ☌ ☉ ♄	7	50
11	e	♄ Occident.		24	25	△ ♄ ☽.	7	51
12	f	Craſt. Mart.	Celt.		26	☌ ☍ ♀.	7	52
13	g	♄ 28. 10 ♉	lib.	23	27	☽ Va. curſ.	7	54
14	a	22 Sun. af Trin	ſcor.	7	28	✶ ♃ ☽	7	55
15	b	♃ 7. 32 ♍		21	29	☍ ♄ ☽	7	56
16	c	♂ 19. 33 ♐	ſag.	5	●	□ ♃ ☽. ☌ ♀ ☿	7	58
17	d	♀ 14. 54 ♐		18	1	☌ ☍ ☌ ♀ ☌ ☿ ☽	7	59
18	e	Octab. Mart.	capr.	1	2	☽ ☍	8	0
19	f	☿ 20. 51 ♐		14	3	△ ♑ ☽	8	1
20	g	☌ 4 18 ♋		26	4	□ ☉ ♃	8	3
27	a	23. Sun. af. Tri	aqua.	8	5	✶ ♀ ☽.	8	4
22	b	♄ 27. 25 ♉		20	6	□ ♄ ☽. 14 p.	8	5
23	c	♃ 8. 9 ♍	Piſc.	2	7	☌ ♃ ☽. apog.	8	6
24	d	♂ 25. 30 ♐		14	☽	□ ♀ ☽ ♀ Orient	8	7
25	e	Quind. Mart.		26	9	□ ☌ ☽. □ ☿ ☾	8	7
26	f	♀ 10. 8 ♐	Aries	8	10	△ ♀ ☽	8	8
27	g	☿ 2. 26 ♐		20	11	☽ Va. curſ.	8	9
28	a	Advent Sund	taur.	3	12	△ ♃ ☽	8	10
29	b	Terme ends		15	13	□ ♃ ♀	8	11
30	c	Andrew Apoſt		29	14	☌ ♄ ☽	8	12

December hath xxxi. Dayes.

Full moon the 1 day, at 11 aclock, 39 min. before noone.
Last quarter the 8 day, at 7 aclock 49 min. in the morn.
New moon the 16 day, at 23 min. before 1 in the morn.
First quarter the 24 day, at 3 aclock, 20 min. in the morn.
Full moone the 31 day, at 11 aclock 44 min. before noon.

1	f	♄ 26. 42 ♉	gem. 12	● □ ♃ ☽. ☌ ☿ ☽.	8	12
2	g	♃ 8. 39 ♍	26	☌ ☌ ☽ ♌	8	13
3	a	♂ 2. 15 ♎	canc. 10	☌ ☿ ☽.	8	13
4	b	♀ 6. 29 ♐	24	✶ ♄ ☽	8	13
5	c	1 Sund in Adv	leo 8	9	△ ♀ ☽.	8	14
6	d	☿ 12. 42 ♎	23	20	□ ♄ ☽. perig.	8	14
7	e	♌ 3. 24 ♋	virg. 7	21	☌ ♃ ☽. □ ♀ ☽.	8	15
8	f	♄ 26. 12 ♉	21	☾ △ ♄ ☽.	8	15
9	g	♃ 8. 52 ♍	lib. 5	23		8	15
10	a	♂ 7. 32 ♎	19	24	□ ♂ ☉. □ ☿ ☽.	8	15
11	b	♀ 4. 53 ♐	Scor. 3	25	✶ ♂ ☽	8	15
12	c	2 Sund in Adv.	☉ entr ♏	26	△ ♃ ♂	8	16
13	d	☿ 17. 19 ♎	sag. 0	27	☌ ♄ ☉. ☌ ♀ ☽.	8	15
14	e	♌ 3. 2 ♋	13	28	□ ♃ ☽	8	15
15	f	♄ 25. 45 ♉	26	29	☽ ♒	8	15
16	g	♃ 8 ♍ Retr.	capr. 9	●	☌ ☌ ☽.	8	15
17	a	♂ 12. 52. ♎	22	1	☌ ☿ ☽	8	15
18	b	♀ 5 ♐ Direct.	aqua. 4	2		8	15
19	c	3. Sun. in Adv.	16	3	☽ ſvag.	8	14
20	d	☿ 17 ♎ Retro.	28	4	□ ♄ ☽. apog.	8	14
21	e	Thomas Apoſt.	Piſc. 10	5	☌ ♃ ☽. □ ♀ ☽	8	13
22	f	♌ 2. 38 ♋	22	6	☌ ☌ ☿.	8	13
23	g	♄ 25. 20 ♉	Aries 4	7	△ ♀ ☽	8	12
24	a	♃ 8. 49 ♍	16	☽	□ ☌ ☽. □ ☿ ☾	8	12
25	b	Chriſts Nativ.	28	9	☽ Va. curſ.	8	11
26	c	S. Steven.	aur 10	10	☌ ☉ ☿	8	11
27	d	S Iohn Evang.	23	11	☌ ♄ ☽ ☿ Orient.	8	10
28	e	Innocents	gem. 6	12	□ ♃ ☽. ☌ ♀ ☽	8	9
29	f	♂ 22. 4 ♎	20	13	☽ Va. curſ.	8	8
30	g	♀ 9. 30 ♐	canc 4	14	☌ ☿ ☽	8	7
31	a	☿ 10. 31 ♎	18	●	☌ ☌ ☽.	8	6

Chamberlain. 1647.

A PROGNOSTICATION for the yeer of our Lord God, 1647.

Being the Third after the Leape Yeer: Containing many profitable Rules, and compendious Tables, fitting for men of sundry faculties.

The Astronomicall Calculations, being principally referred to the Meridian and Latitude of *Bury* Saint *Edmunds* in *Suffolk*, where the Pole Artick is elevated 52. degrees, and may serve generally for all *England*.

Made and set forth according to Art, By *Joseph Chamberlain* Chirurgion, Student in the Mathematicks.

If thou with Momus *love to carp,*
Or like Zoilus, *to pine;*
Either do something of thine owne,
Or else not carp at mine.

London, Printed by *R. R.* for the Company of *Stationers*. 1647.

A
PROGNOSTICATION
for the year of our Lord God,
1647.

Astronomicall Calculations for this present yeer 1647.

The true magnitude of the Tropicall yeer is 365 dayes, 5 hours, 55 firsts, 38 seconds, 26 thirds; and in this time the Sun maketh his Revolution through the 12 Signes, and returns again to the first minute of the Signe Aries, at which time the Tropicall yeer beginneth.

The precession of the Equinoctiall is, according to the Prutenick Tables, 28 gra. 30 min. 50 sec. 53 thir. 17 four.

The Anomaly of the Equinoctiall is, 2 Sig. 29 gra. 20 firsts, 47 sec. 3. third. 50 fourth.

The greatest Obliquity of the Zodiach is 23 gra. 28 firsts, 0 sec. 3 thirds.

The Excentricity of the Sun is 32191, the totall being 1000000, or one part, 55 firsts, 53 sec. 25 third. the totall being 60.

		gr.	fir.	sec.	thir.	four.	
Locus Apog.	♄	0	19	9	6	6	♍
	♃	7	25	11	21	23	♎
	♂	29	25	44	23	9	♏
	☉	10	53	39	0	17	♋
	☿	16	53	8	35	17	♑
	♀	1	34	52	21	42	♌

But according to Tycho Brahe, and our modern observations, the precession of the Equinoctiall, is 28 gra. 32 firsts, 8 sec. 35 thir. 17 four.

And the Apog. of Sol is 6 gra. 14 firsts, 14 sec. of Cancer.

And the Longitude of the Sun is 9 Signes, 10 grad. 55 firsts.

A Prognostication.

Of the Eclipses happening this present yeer 1647.

THere will three Eclipses this present yeer 1647. viz. Two of the Sun, and one of the Moon: But onely that of the Moon will be seen in our Horizon, the other in parts far remote from us.

The first will be of the Moon, the 10 day of January according to the ancient Iulian or English accompt, but the 20 day according to the new Reformed accompt. And this will be seen with us. At which time the Sun will be 0 gr. 3 fir. 41 sec. in ♒ and the Moon in 0 grad. 3 firſt. 41. second. in ☊. not far from the Dragons head,

The beginning will be at 8 a clock, 9. firſts, 48. seconds.

The middle will be at 9 a clock, 16 firſts 34 seconds.

The end will be at 10 a clock, 23 firſts, 20 seconds.

} at night.

The whole duration is 2 hours, 13 fir. 32. seconds.

The Digits Eclipsed, according to Tycho, 4. 32. fir.

But according to the Prutinnike Tables. 6 25 fir.

And this will appear in our Horizon.

The second will be of the Sun.

THis second Eclipse of the Sun, will happen the 2 day of Iune, Stylo novo, or beyond Sea accompt, but the 12 day of Iune according to our accompt here in England.

The middle of this Eclipse will be at 11 a clock, and 11 fir. and although this Eclipse happen when the Sun is neer to our Meridian, yet by reason of the Moons great South latitude, and the Parallaxis, we shall not see it.

But it will appear to them in Spain, and the South part of France, and in Africa it will be a very great Eclipse.

The

The third will be of the Sun.

THis third Eclipse of the Sun will happen the 15 day of December according to the Iulian or English accompt; but the 25 day according to the Gregorian or Romish accompt, at midnight: And this Eclipse will appear to those in Nova Guinea, Insulis de Salemon, & Terra Magellanica,

Though two Eclipses of the Sun
This yeer, shall other places see:
Yet unto *Brittains* Hemisphære,
There will no Sun Eclipsed be.

The naturall cause of the Eclipses.

THe Eclipse of the Sun, is nothing else but the direct Interposition of the body of the Moon, between the Sun and us; and the Eclipse of the Moon is nothing else but the Interposition of the dark body or Globe of the Earth, between the Sun and the Moon; for the Sun cannot be Eclipsed, but at the Conjunction or change of the Moon; nor the Moon, but at the Opposition or full of the Moon.

The exact distance of the seven Planets from the Earth as they be in their mean motion, according to modern observation.

♄ *Saturn* is from the Earth,	9073000	Miles.
♃ *Jupiter*, is	3431400	
♂ *Mars*, is	1500700	
☉ The *Sun* is	989000	
☽ The *Moon* is	48760	

♀ *Venus* and ☿ *Mercury*, in their mean motion be as the *Sun*, to which *Copernicus* also assenteth.

Why the Stars seem fewest in Summer, and most in Winter.

THe reason is, because the predominating cold of the Winter, is driven in Summer into the middest Region of the Aire; where (by reason of the *Antiperistasis*, or circumstance of heat above and beneath) the Aire is so ingrossed and

thickned, that our sight cannot pierce through the same, whereby the lesser Stars appear not to the sight: whereas in winter the cold breaking forth, & dispersing it self, becommeth more thin, and the Aire more pure, whereby we may see unto the Stars, as through a transparent glasse, or the light of the Sun, which obscureth the brightnes of the Stars, never departeth far from us in Summer. leaving a mixture of his light above the *Horizon*, whereas in Winter he is much depressed, for the darker the night, the brighter the Stars, and the more appear, so the Aire be clear.

The number of the fixed Stars that the *Astronomers* take notice of, is 1025. but the *Portugals* have found new Stars neer unto the South Pole, which *Ptolomæus* never took notice of.

A table shewing by the Aspects of the Planets what weather is like to ensue.

	♄	♀	☿	☉	♂	♃
♄	Clouds and Moysture. Remis heat. Hard Frosts. Clouds and Snow.	Windes and Rain. Windes and Showers. Windes and Clouds. Windes and Snow.	Cold Rain. Sudden rain. Cold Ayr. Clouds and Snow.	Rain and Cold. Hail or Rain. Windes and Rain. Remis Cold.	Rain and Thunder. Thunder and Hail. Rain and Winde. Remis Cold.	Winde and Rain. Thunder and Hail. Winde and Wet. Troubled Ayr.
♃	Temperate Ayr.	Great Windes.	Temperate Weather.	Windes. Thunder and Lightning. Windes. Remis Cold.	Windes. Tempests. Whirl-Wind. Remis Cold.	Spring. Summer. Autumne. Winter.
♂	Abates cold and moysture in hot signes, causeth Thunder as in Summer.	Windes and Cloudes. Thunder. Windes. Wet.	Rain. Showers. Rain. Remis Cold.	Dry Windes. Thunder and Lightning. Dry Windes. Remis Cold.	Spring. Summer. Autumne. Winter.	☌ ✶ □ △ or ☍
☉	Alters the Ayr according to the season.	Windes and Moysture, especially in Ayry signes.	Rain. Thunder and Rain. Rain. Moysture.	Spring. Summer. Autumne. Winter.	☌ ✶ □ △ or ☍	
☿	Moysture or Clouds. Remis heat. Clouds, Whirl Wind or Snow.	Windes and Wet.	Spring. Summer. Autumne. Winter.	☌ ✶ □ △ or ☍		
♀	For the most part Winde and Clouds.	☌ ✶ □ △ or ☍				

The use of the former Table of the Aspects.

AS for example, the 3 day of *January* you shall finde in the Calender a ☐ with ☿ and the ☽, which by the former Table make Clouds and Snow; but the ☽ being then in ♈ a Signe of the Firy Triplicity, which is hot and dry, it will abate something of the cold; and ☿ then in ♑ a Signe of the earthly Triplicity, which is cold and dry, it is like to make hard weather: so I conjecture the 3 day of *January* is like to be cold, with some Frost and Snow.

The 5 day of *June* is an ☍ with ☿ and the ☽, which for the most part makes Windes and Cloudes; and the same day is a ☐ with ♂ and the ☽, which in Summer causeth Thunder, and the ☽ being then in ♐ a Signe of the fiery Triplicity, it addeth more heat, but ♂ is in ♍ which is cold and dry, and ☿ in ♊ which is hot and moist it is like there will be some sudden shoures, with Winds and Thunder.

The Weather is altered according to the season of the yeer, and the signe that the ☽ is in; I have therefore set down the nature of the Signes, with their Triplicities.

The Signes of the Fiery Triplicitie. ♈ ♌ ♐ These are hot and dry, Cholerick, Bitter, Masculine, Orientall, and of the day.

The Signes of the Earthly Triplicitie. ♉ ♍ ♑ These are cold and dry, Melancholike, Sowre, Feminine, Meridionall, and of the night.

The Signes of the Airy Triplicitie. ♊ ♎ ♒ These are hot and moist, like the Air, Sanguine, Sweet, Masculine, Occidentall, and of the day.

The Signes of the Watary Triplicitie. ♋ ♏ ♓ These are cold and moist, like the Water, Flegmatick, Unsavory, Feminine, Septentrionall, and of the night.

The Nature and Quality of the Planets in their places.

As

⊙ in { ♈ ♉ ♊ / ♋ ♌ ♍ / ♎ ♏ ♐ / ♑ ♒ ♓ } addeth { Heat and moisture, / Heat and drineſſe, / Cold and drineſſe, / Cold and moiſture } in the { Spring, / Summer, / Autumne, / Winter.

☽ from { first □ ☌ / ☍ / last □ } unto { first □ ☍ / last □ ☌ } addeth { Heat and moiſture. / Heat and drineſſe. / Cold and drineſſe. / Cold and moiſture.

♄ { Oriental, / Occidental, } addeth { Cold and Moiſture. / Drineſſe.

♃ { Oriental, / Occidental, } addeth { Heat and Moiſture. / Moiſture.

♂ { Oriental, / Occidental, } addeth { Heat and Drineſſe. / Drineſſe.

♀ { Oriental, / Occidental, } addeth { Heat and Moiſture. / Moiſture,

☿ { Oriental, / Occidental, } addeth { Heat, / Drineſſe.

The generall diſpoſition of the four quarters of the yeer, and firſt of Winter.

⊙ in ♑ ♒ ♓

The Winter-quarter according to the Aſtronomers accompt, is already begun; namely at ſuch time as the Sunne made his entrance into the firſt minute of the ſigne ♑, which was the laſt yeer, the 11 day of December, at two a clock 37 minutes, in the afternoone; at which time, the Sunne having

ving arrived to his greatest South declination, made then the shortest day and longest night here with us; but having begun to make his precession already through the Winter signes, (viz. Capricorn, Aquaries, and Pisces) and to return again from that Winter Solstice, toward that Equinoctiall signe Aries, at which time this Quarter ends.

This Quarter is naturally cold and moist; howbeit, sometimes it fortuneth that this Quarter doth exceed, or fail in his nature, according as the Planets be situated in the Signes.

The diseases ordinarily bearing sway at this time, are most proceeding from the Head, by distillation unto the other parts; as Cothars, Coughs, Hoarsnesse, Stoppings, and Inflammations of the Lungs, digestion of Appetite, pain in the Shoulders, Back and Brest, Collicks, Stitches, both in Sides and Loyns, Grief in the Joynts, with divers the like.

The Trees now bare and naked stand,
No Fruit nor Leaves are seen,
But all consumed by Boreas breath,
As if they had not been.
The Fields likewise with green all spread,
Appeared to our sight;
But now each Field and pleasant Mead,
All mantled is with white.

Of the Spring, the second Quarter of the Yeer.

☉ in ♈ ♉ ♊.

FRom the greatest declination Southward, whereof I spake before, the Sun beginneth to mount now towards our Zenith, causing the Vernall Equinoctial,

noctiall, and beginneth the Spring Quarter, which is the second part of this yeer, the same beginneth now when Winter ended; that is to say, when the Sun entreth the first minute of the Equinoctiall signe Aries, which is this yeer the 10 day of March, at 2 a clock, 47 minute, 29 seconds, after Noon. At which time the dayes and the nights are of equall length; so ascending forth along the signes of the Spring (viz. Aries, Taurus and Gemini) untill at length he cometh unto his greatest exaltation and height above our heads, where Summer, the third part of the yeer taketh its beginning.

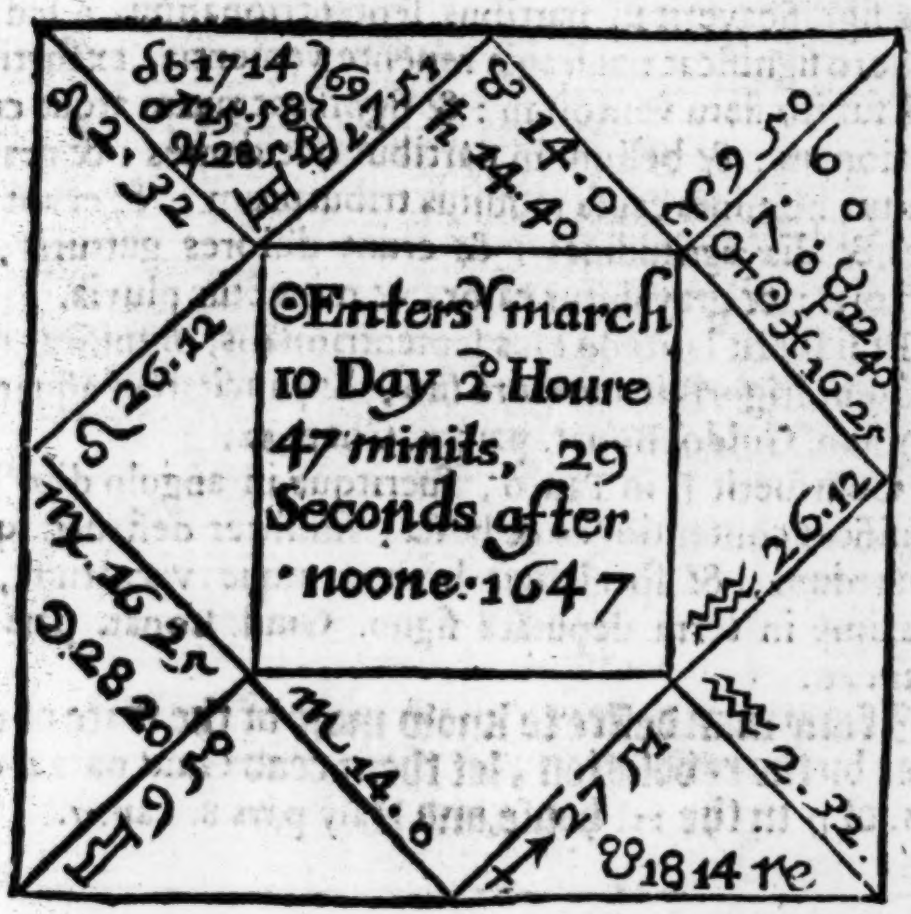
Of naturall complexion, this Quarter is moyst and warm, agreeing with Winter in one quality, whom it immediately followeth; and with Summer in another, before whom it cometh.

The diseases most incident to this Quarter, are Melancholike madnesse, Head-ach, Falling sickenesse, Fluxes of Blood, and Choler, Squinacies, Infective Coughs, Tetters and Ring Wormes, Leprosie, Blaines, Scabs, Small-Pox, and divers the like.

As this Quarter breedeth divers diseases; so is it the convenientest time for the taking of Physick, both for those diseases which are bred in this quarter, as also for curing of those which are of longer continuance.

The pretty Birds upon the Trees,
Now take delight to sing;
Whilest Titan with his glorious beams,
Doth make the branches spring.
And Flora now much pleasure hath,
To view her tender Flowers;
Which lately sprung up from the Earth,
By means of Aprill showers.

A Figure of the Heaven at the Suns entrance into *Aries*, the Vernall Æquinoctiall.



HAving diligently observed the places of the Planets, both in this figure of the Revolution of the yeer; and also in the Conjunction Preventionall, and Opposition Postvent. I finde Mars to exceed any of the other Planets in Dignities: Therefore (according to the Doctrine of Astrology) to be judged Lord of this Revolution, and Jupiter to be partner with him, being the next in dignities to him.

Saturn is Lord of the 7, but placed in the 10. the Sun Lord of the Ascendant, but placed in the 8. ♀ Lord of the 10. but opposed by ♂. Mars Lord of the 4. but placed in the 11. and in Cancer the place of his Dejection.

Etsi fuerit Mars in revolutione anni in Cancro, vel ejus triplicitate; & maxime in Cancro, erit apparitio eorum quæ significaverit in partibus septentrionalibus: sed in Cancro significat naufragia repente venientia, ex forti atque subito flatu ventorum: & significat rixam atque contentionem, & bellum in partibus occidentes: & gravabuntur homines causa redditus tributorum: & erunt febres, & aliæ ægritudines: & erunt dolores gutturis, ac pectoris: & gravabitur calor, & minuetur pluvia.

Et si fuerit latitudo ejus septentrionalis, significat gravitatem frigoris in tempore suo, & paucitatem aquarum fontium, Guido. Bonat. part. 4. Chap. 92.

Cum fuerit ♄ in Tauro, fueritque in angulo directus, significat contentiones & bella, similiter destruct. quadrupedum, & specialiter bonum atque vacearum, & maxime in terra deputata signo. Guid. Bonat. pars. 4. Cap. 66.

If any man desire to know more of the state of this yeer by the revolution, let them read Guid pars 4. cap. 76. of ♄ in the 12. house, and Haly pars 8. cap. 7.

Of Summer, the third part of the Yeer.

☉ in ♋ ♌ ♍.

The Sun having run forth his race through the Signes of the Spring, (viz. Aries, Taurus, Gemini.) until at length he cometh unto the first minute of Cancer, whereas he maketh the Estivall or Summer Solstitium, and our longest day in the yeer, which

which is this yeer the 11 day of June, at 6 a clock, 6 min. 50. sec. at night; and then he is in his greatest declination Northwards, and nigh'st to our Zenith: insomuch, that he walketh away from us, and beginneth to decline towards the South, and maketh the dayes shorter and shorter, as he passeth thorow the Signes of the Summer, (viz. Cancer, Leo, and Virgo,) untill he come to the last minute thereof; at which time, this part of the yeer endeth.

Infirmities like to molest the state of mans body, are many of those that I have already named in the Spring Quarter: Moreover, intermitting and burning Tertians, Quartians, and Feavers of all sorts; and also Cholerick, Vomits, Fluxes, and sharp dropping Eyes, Griefs in the Ears, Sore-Mouthes, Botches, and Biles, with dissolving Sweats, and the like.

Now is the pleasant Summer time,
In which the glorious Sun
Is monted up upon the Crab,
His Northern course to run:
Where from a loft he doth behold,
The craggy Earth so dry,
The which in Winter froz'n with cold,
With heat now like to fry.

Of Autumn, or Harvest the last part of the Yeer.

☉ in ♎ ♏ ♐.

HArvest, or the last part of this common yeer, beginneth immediately after the Suns departure from the last minute of Virgo, into the first minute of

of Libra, which shall be this yeer the 13 day of September, at 9 a clock, 22 minutes, 18 seconds, in the morning; And then is the second, Hyemall, or Winter Equinoctiall, at what time the dayes and the nights are of equall length in all parts of the World. It hes consequently continueth this season, whilest the Sun runneth thorow the three Harvest Signes, (viz. Libra, Scorpio, and Sagitarius) untill he cometh unto the last minute of Sagitarius, at which time, this part of the yeer endeth.

The naturall temperature of this Quarter, is to be cold and dry, variable and inconstant: A dangerous time for diseases, and diseased persons.

Griefs overthrowing the prosperous estate of mans body this Harvest Quarter, are many of the Summers sickneese, few thereof ending at this time, more increasing, and bringing many to their long home; besides Consumptions, Dropsies, and notable obstructions, Sciatica, and many others proceeding of Melancholy.

The Spring was brag of her sweet Flowers,
And Summer of his fruites;
But let them brag, so long as I
Of them do reap the fruits.
For what the Spring brought forth in Flowers,
Was rip'd by Summers heat;
But I now daily spend my hours,
To store them up for meat.

To

To know how long the *Moon* shineth, when she riseth and setteth, with the cause of her lesse or greater light.

THe Moon hath no light but what she receiveth of the Sun, being a dark and grosse body, as is well manifested in the time of her Eclipse, and although the Vulgar think she is now partly lightned, and now total, the imagination is meer false; for she alwaies retaines one and the self same quantity of light at her quarters and other aspects, as at the full: for she is a round Globe, and that part of the Globious body that beholdeth the Sun, is alwaies lightened: so that when she is neer the Sun, the lightned half is averted and turned from us respectively to the Sun, because she commeth more and more under the Sun, receiving thereby light upon her uppermost part, which beholdeth the Sun, and therefore the farther she is from the Sun, the greater is her light to us.

To know how long she shineth.

IN the increase of the Moon (that is from her change unto the full) multiply her age by 4. and the number that ariseth of that Multiplication, divide by 5. and the Quotient sheweth the number of houres she shineth after the Sun set; if any number remain after Division, multiply that remainder by 12. and it shew the minutes to be added. But in her decreale (that is from the full to the change) Subtract her age from 30. and the remainder multiplyed by 4. and divided by 5. sheweth how long she shineth before the Sun riseth, but yet multiplying the remainder by 12. and adde the minutes as before.

Example.

Example.

The first day of March the Moon is ten dayes old, which multiplyed by four makes forty, which if you part by five, the quotient will be eight: so the first day of March the Moon shineth eight hours after the Sun is down, and the Sun goeth down then at six a Clock, then add eight to six, and it makes fourteen, from which take the half of the Natural day, which is twelve hours, and then there will remain two, so the first day of March the Moon shineth eight hours after the Sun is down, and goeth down at two a clock in the morning. Again the fifteenth day of March the Moon is twenty dayes old, which taken from thirty, there will remain ten to be multiplyed by four, and parted by five, as before; and the quotient will eight also, which sheweth the Moon riseth eight houres before the Sun; now taking eight out of six, you have the time of the Moons rising, but because eight cannot be taken out of six, therefore you must adde twelve to six, and it makes eighteen, from which if you subtract eight, there will remain ten, so the fifteenth day of March the Moon riseth at ten a clock at night.

Againe.

Suppose the Moon to be three dayes old, Multiply three by four, and it makes twelve, which divide by five, and there will be in the Quotient two, and two remaining; then multiply the remainder which is two, by twelve, and thereof commeth four and twenty, which are minutes to add to the Quotient, so the Moon three dayes old shineth two hours and four and twenty minutes after Sun set.

But such as are not skilful in Arithmetick, may make use of this ensuing Table.

The

The ☽ Age for her shining.	The ☽ comming to South.	The ☽ age to know the hour of the night
D. D.	H. M.	D. D.
1. 29.	12.48.	1. 16.
2. 28	1. 36.	2. 17
3. 27.	2. 24.	3. 18.
4. 26.	3. 12.	4. 19
5. 25.	4. 0.	5. 20.
6. 24.	4. 48.	6. 21
7. 23	5. 36.	7. 22
8. 22.	6. 24.	8. 23
9. 21.	7. 12.	9. 24
10.20.	8. 0.	10 25
11.19.	8. 48.	11.26
12. 18	9. 36.	12. 27
13.17	10. 24	13. 28
14.16	11.12.	14. 2.
15.15	12. 0.	15. 0.

FIrst seek out the age of the Moon in the first Columne, towards the left hand; either ascending or descending; and right against that in the middle Columne (under the title be Moons comming to South.) you shall find the hour and minute of her shining.

Example.

The Moon being 11 daies old, I desire to know how long she shineth, I find out first in the first Columne on the left hand, descending 11. and right against that in the middle Columne, 8. 48. So the Moon being 11. days old, shineth 8. hours, and 48. minutes; then for her rising and setting, work as before.

Again, The Moon being 23. daies old, I desire to know how long she shineth, seeking in the first Columne towards the left hand, I find 23. in that row which is ascending, and right against that in the middle Columne 5.36. so the Moon being 23 daies old shineth 5. hours and 36. minutes before the Sun riseth; and so at any other time of the Moons age, you shall find her shining in the same manner.

To know at what time the Moon will be full South, any day in the Year.

SEek the Moons age in the last Columne towards the right hand, and right against that towards the

left hand in the middle Column is the hour of her comming to the South, and note all the increase she commeth to the South after noon (that is until she be 15 daies old) and all the decrease she commeth to the South in the morning.

Example.

I desire to know at what time the Moon will be South, when she is 9. days old, first I seek her age in the last Column towards the right hand, and right against that in the middle Column I find 7. 12. which is 7. hours and 12. min. so the Moon being 9. days old, comes to south at 7 a clock & 12 min. after.

To know what hour of the night it is by the shadow of the Moon in a Sun-Dyal.

LOok upon a Sun dyal, and see what a clock it is by the shadow of the Moon (as you do by the Sun) noting how much it wants or is past 12 a clock: for so much it wants or is past the hour of her comming to the South that day; which hour you were taught in the last note to find.

Example.

Suppose you find the Moon to cast a shadow upon the 9 a clock on the dyal, and the Moon to be then 12 dayes old, you shall find that when she is 12 days old, she commeth to the south at nine a clock and 36 min. now because her shadow was at 9. it wanted 3 of 12. therefore you must take 3 from her coming to the South, and then there will remain 6 and 36 min. so it was then 6 a clock and 36 min. by the night.

Of the Prime or Golden Number.

The Prime or Golden Number is a periodical revolution of 19 of our civil years, and is called Decem novenalis Circulus, whose parts be called the golden number: for that it was writ in golden characters in Tables of Silver, and so sent to Rome, or for that they be

be written in red or golden letters in the Kalender.

How to find the Prime or Golden Number.

Add to the year of our Lord 1 (for so much was the Prime when Christ was born) which divide by 19, the remainder is the Prime or the Golden Number. For if you add to this year 1647 one, it will be 1648 which divided by 19 there will 14 remain, and so much is the Golden Number or Prime this year; or if you adde to 14 one, you have the Prime for the next year, and then adde one to that year, and you have the prime for the yeer following: but if once it come to exceed 19, then cast away 19, and the remainder will be the Golden Number or Prime.

Of the Epact.

The Epact is nothing else but a number of 11 dayes which the common Solar year doth exceed the common Lunar year, the one consisting of 365 dayes, the other of 354 dayes, and therefore they adde that excesse to the Lunar year to make them equal; by the addition of this excesse, every 4 years there will arise a number more then 30, which is greater then the Epact can be, because from change to change there can be but 30 daies: therefore 30 must be taken from that excesse, and the remainder is the Epact for the next year, as the last year 1646 the Epact was 23, to which adde 11, so have you 34. from which take 30, and you have 4 for the Epact this year; to which if you adde 11, you shall have the Epact for the next year 1648.

To get the Epact for ever.

Multiply the Prime by 11. divide the Product by 30, and the remainder is the Epact: or as it is said, adde 11 to the Epact of this, so have you the Epact of the next year, to which if you adde 11, you have the Epact for the year following, remembring to take a-

way 30, if that the number exceed 30, as is said before.

How to get the age, change, and full of the Moon.

To find the age of the Moon you must have three things, the epact, the number of moneths from March, to your proposed moneth inclusively, and the daies of the moneth, these 3 summs had, add them all three together, so have you the age of the Moon; but if the sum exceed 30 substract 30, if your moneth proposed have 31 dayes, or els 29. if your moneth have but 30 daies, and the remainder is the age of the Moon.

Example.

I desire to know the age of the Moon the 4 day of May this present yeer 1647. the Epact is 4. and the moneth 3. and the dayes of the moneth 4. which added altogether make 11. so the 4 day of May the Moon is 11 dayes old.

Again, I desire to know when the Moon changeth in June this present yeer 1647. adde to the Epact the moneths from March inclusive, and substract that number from 29 because that June hath but 30 days, and the remainder is the day of the change: the Epact is 4. and the moneth 4. which added, makes 8. then take 8 from 29. and there will remain 21. so the 21 day of June the Moon changeth.

Again, I desire to know the change in August, the moneths are 6. and the Epact 4. which make 10. then because August hath 31 dayes, I take 10 from 30 and there will remain 20 so the 20 day of August this present yeer the Moon changeth.

Now if you know the age of the Moon any moneth this yeer, and desire to know how old she shall be the same day the next yeer, you must adde to her present age 11 so have you her age the same day the next yeer.

Example.

The first day of April this present yeer the Moon is

six dates old, to which if you adde 11. it will make 17 so the first of April the next yeer, the Moon will be 17 dates old.

The change being had, the full Moon is found by adding of 15. dates to the day of the change; and by adding of 7 dates and 9 hours to the new or full Moon, you have the first or last quarter.

These brief rules may serve without any great error, and they were singular in respect of the first invention, yet by reason of the manifold motions of the Moon, which makes her to be sometimes swifter, and sometimes slower in her motion, they may fail by a day.

The Measures of *England* and the Adjacent Islands.

The compasse of England is 1532 miles.
The greatest length thereof Northwards and Southwards is from Barwick to the Lands end, which not crossing the Sea, is 386 miles.
The shortest length from Barwick to Calshot Castle in South-hampton-shire, is 286. miles.
The broadest place of England from the Lands end to Sandwich, is 279 miles.
From St. Davids in the West in Pembrookshire through the middest of Worcester and Warwickshire, Eastward to Yarmouth in Norfolk, is 240 miles.
And this is the next broadest place in England.

The Isle of *Man*.

The Isle of Man is in compasse 91 miles
The length is 28 miles
The breadth is 18 miles

The Isle of *Anglesea*.

Mona or Anglesea is in compasse 85 miles

The length is 21 miles
The bredth is 18 miles

The Isle of *Wight.*

The Isle of Wight is in compasse 57 miles
The length is 22 miles
The bredth is 11 miles

Of *Ireland.*

Ireland, resecting adjacent Islands, and some Inbraples, is in compasse 948 miles
The length Northward and Southward is 303 m.
The bredth Eastward and Westward is 113 miles.
Being taken in the South parts from the uttermost point of the Continent westwards, to the East point of Cilana, lying over against St, Davids in Pembrookshire.

Certain Elections to be chosen by course of the Moon.

The Ancient doth say, that when the Weather is extreme hot or cold, it is not good to Purge, or to let blood, unlesse that some great necessity require it: And therefore Hypocrat. part.4. Aphor. 5. Sub canicula, & ante caniculam, difficiles sunt purgationes. Purgations and the administration of Physick, is dangerous about the Dog-dayes; and again, Part. 4. Aphor.4. Aestate suam naturam servante, superiorem potius: Hyeme inferiorem purgare convenit. By which we understand, that if necessitie urge to take Physick in Summer, it ought to be by Vomit; but in Winter by Purgations.

The fittest time to take Physick by Purgations (as the Astrologers say) are to be elected according to the

the motion of the Moon, in Watery Signes: Therefore Hermes, in the 74 of his Centilo. Luna existente in signis ruminantibus vel Conjuncta Planetæ retrogrado non est bonum Purgationibus uti.

Let not sayes he, The Moon be in Signes that chew the Cud (in giving purging medicines) as Aries, Taurus, and Capricornus, or joyned to a Planet that is Retrograde, for it will cause Womit, &c.

And Ptolomy also, in the 19 of his Centilo. Si quis Purgatorium acceperit: Luna cum Jove existente: Abbreviabitur ejus opus, & affectum ipsius minueter.

The best times to purge, if the time be temperate, { by Drinks, by Electuar. by Pills, } the ☽ { ♏ ♋ ♓ }

To enter Baths, for hot diseases { the ☽ in } ♏ ♋ ♓
For cold diseases ♈ ♌ ♐
To stop Fluxes, Rhumes and Laxes ♉ ♍ ♑
To take Preparatives ♈ ♌ ♐
To take Vomits ♈ ♌ ♑
To take Gargarizes ♈ ♋ ♑
To take Glisters ♎ ♏.

Good to comfort the Vertues { Attractive, Retentive, Digestive, Expulsive } the ☽ in { ♈ ♌ ♐ ♉ ♍ ♑ ♊ ♎ ♒ ♋ ♏ ♓ }

And concerning Blood-letting, although some (more precise then wise) will not give consent to let Blood when the Moon is in a Signe that governs that part in which the Vein is to be opened; yet if there be a continuall burning Ague, the Pestilence, a Pluriſie, Phrenſie, Esquinancy, or great Head-ach, proceeding

proceeding of Choler, or hot superfluous Blood, or any extreme pain caused by heat, or choler; in any of these causes, a man may not tarry for a chosen day, but must open a Vein immediately, if the strength of the Patient will permit.

Let no lood for young persons, from the Change to the first quarter.

For them of middle age, from the first Quarter to the Full.

For elder folk, from the Full to the last Quarter.

For old folk, from the last Quarter to the Change.

Good to { Cut Hair. / Set or Sow. / Graft or Plant. / Cut Vines. } the ☽ in { ♂ ♍ ♎ / ♂ ♋ ♍ ♎ ♑ / ♂ ♒ / ♈ ♎ ♏. } Increasing

Geld or Lib. Cattell, the Moon in Sagittarius, Capricornus, and Pisces, decreasing.

Fell Timber, from John Baptist to the end of the yer.

Remove Grafts or young Trees, at the last Quarter.

FINIS.